BRUHAT BANGALORE MAHANAGARA PALIKE

BYATARAYAPURA DIVISION, YELAHANKA ZONE

Name of Work : Modified estimate for Vidharanayapura suvarna Mahotsava Playground fencing and Development works in ward No 09 of Vidyaranyapura sub Division.

							Estimated cost :		1978112.25
Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-2.2 : **Earth work excavation for foundation of buildings,** water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m , in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. specification, specification. No. KBS 2.1(b) / 2.3.5, (P. No. 5 It No. 2.4)	cum							
	For drain Front		1	30.00	0.60	0.40	7.20		
			1	24.80	0.60	0.40	5.95		
			1	30.00	0.60	0.40	7.20		
			1	5.30	0.60	0.40	1.27		
	Left Side		1	30.00	0.60	0.40	7.20		
			1	30.00	0.60	0.40	7.20		
			1	30.00	0.60	0.40	7.20		
			1	13.40	0.60	0.40	3.22		
			1	30.00	0.60	0.40	7.20		
			1	21.30	0.60	0.40	5.11		
	Back		1	30.00	0.60	0.40	7.20		
			1	30.00	0.60	0.35	6.30		
			1	30.00	0.60	0.30	5.40		
			1	26.30	0.60	0.35	5.52		
	Right Side		1	30.00	0.60	0.30	5.40		
			1	18.00	0.60	0.30	3.24		
			1	30.00	0.60	0.30	5.40		
			1	30.00	0.60	0.30	5.40		
			1	30.00	0.60	0.30	5.40		
			1	13.90	0.60	0.30	2.50	AR	
							110.52	261.95	**28950.00**
2	KSRB-4-1.3 : Providing and laying in position plain cement concrete of mix **M 7.5 withOPC** cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2,(P. No. 12 It No. 4.3 of PWD SR 2013-14)	Cum							
	For Chain Link Front		1	30.00	0.60	0.15	2.70		
			1	24.80	0.60	0.15	2.23		
			1	30.00	0.60	0.15	2.70		
			1	5.30	0.60	0.15	0.48		
	Left Side		1	30.00	0.60	0.15	2.70		
			1	30.00	0.60	0.15	2.70		
			1	30.00	0.60	0.15	2.70		
			1	13.40	0.60	0.15	1.21		
			1	30.00	0.60	0.15	2.70		
			1	21.30	0.60	0.15	1.92		
	Back		1	30.00	0.60	0.15	2.70		

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			1	30.00	0.60	0.15	2.70		
			1	30.00	0.60	0.15	2.70		
			1	26.30	0.60	0.15	2.37		
	Right Side		1	30.00	0.60	0.15	2.70		
			1	18.00	0.60	0.15	1.62		
			1	30.00	0.60	0.15	2.70		
			1	30.00	0.60	0.15	2.70		
			1	30.00	0.60	0.15	2.70		
			1	13.90	0.60	0.15	1.25		
	Back side flagging bed		1	50.00	0.50	0.15	**3.75**		
			1	37.00	0.50	0.15	**2.78**	AR	
							52.70	4798.57	252860.65
3	KSRB-4-1.6 : Providing and laying in position plain cement concrete of mix **M 15 withOPC cement** @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2/ P.No. 12/ Item No. 4.6/ PWD SR 2013-14	**Cum**							
	For Chain Link Front		1	30.00	0.45	0.15	2.03		
			1	24.80	0.45	0.15	1.67		
			1	30.00	0.50	0.15	2.25		
			1	5.30	0.50	0.15	0.40		
	Left Side		1	30.00	0.45	0.15	2.03		
			1	30.00	0.45	0.15	2.03		
			1	30.00	0.45	0.15	2.03		
			1	13.40	0.45	0.15	0.90		
			1	30.00	0.45	0.15	2.03		
			1	21.30	0.45	0.15	1.44		
	Back		1	30.00	0.45	0.15	2.03		
			1	30.00	0.45	0.15	2.03		
			1	30.00	0.45	0.15	2.03		
			1	26.30	0.45	0.15	1.78		
	Right Side		1	30.00	0.45	0.15	2.03		
			1	18.00	0.45	0.15	1.22		
			1	30.00	0.45	0.15	2.03		
			1	30.00	0.45	0.15	2.03		
			1	30.00	0.45	0.15	2.03		
			1	13.90	0.45	0.15	0.94		
	Back side flagging course coping		1	50.00	0.40	0.15	**3.00**		
			1	37.00	0.45	0.15	**2.50**	AR	
							40.39	5274.36	213030.08

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Providing **chain link fencing 50mm size of 8 gauge** properly stretched between rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts, cutting, bending wherever necessary, wastage and lapping etc complete as per direction of the Engineer-in-charge of work including **two coats of approved quality paint** over one coat of shop paint.(P 270 It 37.3)								
	For Chain Link Front	**sqm**							
			1	30.00	1.20		36.00		
			1	24.80	1.20		29.76		
			1	30.00	1.20		36.00		
	Left Side		1	5.30	1.20		6.36		
			1	30.00	1.20		36.00		
			1	30.00	1.20		36.00		
			1	30.00	1.20		36.00		
			1	13.40	1.20		16.08		
			1	30.00	1.20		36.00		
	Back		1	21.30	1.20		25.56		
			1	30.00	1.20		36.00		
			1	30.00	1.20		36.00		
			1	30.00	1.20		36.00		
	Right Side		1	26.30	1.20		31.56		
			1	30.00	1.20		36.00		
			1	18.00	1.20		21.60		
			1	30.00	1.20		36.00		
			1	30.00	1.20		36.00		
			1	30.00	1.20		36.00		
	Repair		1	13.90	1.20		16.68		
			1	68.00	1.50		**102.00**	AR	
							717.60	675.73	484903.85
5	Supplying and fixing **M.S. Rectangular poles** made out of 2 equal angles of **65x65x6 mm** welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead and lift and as per the directions of the Engineer-in-charge of the work and including providing **2 coats of approved quality paint** over one coat of shop painting. (excluding cost of earth work and concrete)(P 270 It 37.2)	**mtr**							
	REPAIRS		270	1.20			**324.00**		
			15	1.80			**27.00**		
							351.00		
	Total Executed Qty upto 125%							AR	
	Total Executed Qty above 125%						**309.00**	1103.41	340953.69
	Basic rate PWD SR 2015-16	918.00					**42.00**	981.53	41224.08
	Add 8% AW	73.44							
		991.44							
	Tender premium @ -1%	-9.91							
		981.53							

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Providing and fixing **M.S. Block pipe of 38 mm dia,** of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including **two coats of approved quality paint** over one coat of shop paint (P 270 It 37.4)	mtr							
	For Chain Link Front		1	30.00			30.00		
			1	24.80			24.80		
			1	30.00			30.00		
			1	5.30			5.30		
	Left Side		1	30.00			30.00		
			1	30.00			30.00		
			1	30.00			30.00		
			1	13.40			13.40		
			1	30.00			30.00		
			1	21.30			21.30		
	Back		1	30.00			30.00		
			1	30.00			30.00		
			1	30.00			30.00		
			1	26.30			26.30		
	Right Side		1	30.00			30.00		
			1	18.00			18.00		
			1	30.00			30.00		
			1	30.00			30.00		
			1	30.00			30.00		
			1	13.90			13.90		
	REPAIR		52	1.80			**93.60**	AR	
							606.60	319.69	**193923.95**
	Total								
7	KSRB 15-18.3 : **Providing and applying enamel metal paint** one coat (excluding priming coat) on previously painted steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. Page No. 130/ Item No. 15.75/ PWD SR -2013-14	Sqm							
	For Chain Link Front		1	30.00		2.70	81.00		
			1	24.80		2.70	66.96		
			1	30.00		2.70	81.00		
			1	5.30		2.70	14.31		
	Left Side		1	30.00		2.70	81.00		
			1	30.00		2.70	81.00		
			1	30.00		2.70	81.00		
			1	13.40		2.70	36.18		
			1	30.00		2.70	81.00		
			1	21.30		2.70	57.51		
	Back		1	30.00		2.70	81.00		
			1	30.00		2.70	81.00		
			1	30.00		2.70	81.00		
			1	26.30		2.70	71.01		
	Right Side		1	30.00		2.70	81.00		
			1	18.00		2.70	48.60		
			1	30.00		2.70	81.00		

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			1	30.00		2.70	81.00		
			1	30.00		2.70	81.00		
			1	13.90		2.70	37.53	AR	
							1385.10	51.32	**71083.00**
8	Fabricating, providing and erecting in poiston of **M.S Ornamental security Grill Gate** with out hot dip using75x12mm M.S flat for alround frame work with verticals at the centre and horizontal centere support M.S square of 20x20mm of different heights as shown in the draing are to be fixed at 16 cms c/c for square bars of full height and at 8cmsc/c for bottom rods providg ornamental CI designers at the botom and c I arrows in the middle and top. The entire frame work is to be fixed by means of expansion bolts to the brick pillars with necesary drilling holes. The work includes providing two coats of enamel painting over one coatr of red lead ready mix primer coat etc complet cost of all labour, painting, erection charges using hoist pulleycranes with all lead and lift, loading, transporting and unloading using hoist pulley cranes, scaffolding charges and all other incidental charges required for successful completion of the work as per specification and drawing, Page No. 46/ I No. 7.30/ PWD SR 2013-14								
	4/s and R/s gates Vicat gate	**kgs**							
			2	3.80	1.80		13.68		
			4	1.50	1.00		6.00		
							19.68		
	Total Executed Qty upto 125%			wt	45 kg/sqm		885.60	AR	
	Total Executed Qty above 125%						**675.00**	149.69	101040.75
	Basic rate PWD SR 2015-16	136.00					**210.60**	145.41	30623.60
	Add 8% AW	10.88							
		146.88							
	Tender premium @ -1%	-1.47							
		145.41							
9	KSRB 2-1.1: Earth work in surface excavation in ordinary soil for **leveling and lowering** the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, Specification No KBS 2.1(a) / 2.3.1 (PWD SR 2013-14 ,P. No. 5/ Item No. 2.1/)								
		cum							
	Total		1	340.00	5.50	0.45	**841.50**	AR 145.41	**122363.00**
	ERIL								